

SL.No: M23307

Course Code: 2690104

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM.
(Deemed to be University)**

**M.SC.(RADIOLOGY AND IMAGING TECHNOLOGY)
DEGREE EXAMINATION – January 2021
First Year**

RADIATION SAFETY AND PROTECTION

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on :

(3 x 20 = 60)

1. Fluoroscopy installation as per AERB specifications.
2. Biological effects of non-ionization radiations.
3. Dose reduction strategies in multiphase CT

II. Write short notes on :

(4 x 10 = 40)

4. Scintillation detector
5. CTDI, DAP, DLP and MSAD
6. Legal responsibilities of a technologist
7. KERMA.
